

AMENDMENTS TO THE CLAIMS

- Sub 21
1. (currently amended) A method of manufacturing a heat pipe construction, comprising, in order, the steps of:
- (1) providing a tubular pipe having at least one open end;
  - (2) ~~forming a thermally conductive material~~ overmolding a thermally conductive filled polymer composition around said tubular pipe;
  - (3) filling said tubular pipe with heat pipe media via said at least one open end;
- and
- (4) closing said at least one end with said heat pipe media sealed therein.
2. (original) The method of Claim 1, wherein said step of providing a tubular pipe comprises providing a tubular pipe manufactured of metal.
3. (canceled)
4. (canceled)
5. (original) The method of Claim 1, further comprising:
- insert molding heat dissipating elements in said thermally conductive material around said tubular pipe.
6. (canceled)
7. (original) The method of Claim 1, wherein said step of filling said tubular pipe with heat pipe media comprises filling said tubular pipe with water.
8. (original) The method of Claim 1, wherein said step of filling said tubular pipe with heat pipe media comprises filling said tubular pipe with ammonia.
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9. (canceled)

10. (canceled)

11. (canceled)

12. (canceled)

13. (canceled)

14. (canceled)

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